



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
( Case No. 04-423-F (400.227US) )

*EW*

In the Application of:

McSwiggen et al.

Serial No.: 10/576,752

Filing Date: November 14, 2006

For: RNA Interference Mediated Inhibition  
of GPRA and AAA1 Gene Expression  
Using Short Interfering Nucleic Acid  
(siNA)

Examiner: Chong, Kimberly

Group Art Unit: 1635

Confirmation No.: 1907

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

**TRANSMITTAL LETTER**

In regard to the above identified application:

1. We are transmitting herewith the attached papers for the above identified new patent application:

- ☒ Information Disclosure Statement;
- ☒ Information Disclosure Statement (IDS) PTO-1449 Form;
- ☒ Copies of IDS Citations for S/N 10/576,752 (Total 2 foreign patents and 4 other documents); and
- ☒ Return Receipt Postcard.

2. With respect to additional fees, enclosed is a check in the amount of \$180.00.

3. GENERAL AUTHORIZATION: Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.

4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the papers, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on August 6, 2007.

By :

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. Sections 1.56 and 1.97 - 1.99, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. A partial recitation of the priority claim is as follows. This application is a continuation-in-part of US Serial No. 10/826,966, filed April 16, 2004. This application is also a continuation-in-part of US Serial No. 10/780,447, filed February 13, 2004. This application is also a continuation-in-part of US Serial No. 10/727,780, filed December 3, 20003. All of the applications recited herein are relied upon for an earlier filing date under 35 U.S.C. § 120. In accordance with Rule 37 CFR §1.98(d), all references marked with an "\*" have been previously cited and submitted to the Patent and Trademark Office with the prior applications. Additional references, if any, are numbered and submitted herein. All references cited are also listed in the PTO-1449 form enclosed herewith.

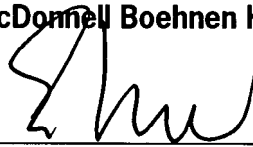
06/06/2007 RFEKADU1 00000002 10576752  
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Portions of the listed references may be material to the Examiner's consideration of the presently pending claims. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

Applicants enclose the fee of \$180.00 pursuant to 37 C.F.R. 1.17(p) for this filing. The Commissioner is hereby authorized to charge or credit Deposit Account Number 13-2490 for any under- or over-payment of fees associated with the papers transmitted herewith, or to credit any overpayment of same.

Respectfully submitted,

**McDonnell Boehnen Hulbert & Berghoff LLP**



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By:

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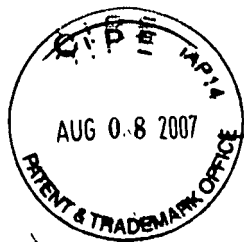
U.S. Department of Commerce  
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(Use several sheets if necessary)

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U.S. PATENT APPLICATION DOCUMENTS

Examiner Initial		Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate
	*	US-2002/0086356	03/30/01	Tuschl et al.			07/04/02
	*	US-2002/0151693	02/08/01	Breaker et al.			10/17/02
	*	US-2003/0059944	09/13/02	Lois-Caballe et al.			03/27/03
	*	US-2003/0064945	07/25/01	Akhtar et al.			04/03/03
	*	US-2003/0143732	08/30/02	Fosnaugh et al.			07/31/03
	*	US-2003/0190635	07/25/02	McSwiggen et al.			10/09/03
	*	US-2003/0206887	09/16/02	Morrissey et al.			11/06/03
	*	US-2004/0019001	07/26/02	McSwiggen et al.			01/29/04
	*	US-2004/0161844	11/04/03	Baker et al.			08/19/04
	*	US-2005/0020521	09/25/05	Rana, Tariq M.			01/27/05
	*	US-2005/0182005	05/13/04	Tuschl et al.			02/18/05
	*	US-2005/0227256	11/26/04	Hutvagner et al.			10/13/05

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	*	5,587,471	12/24/96	Cook et al.			

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	*	5,801,154	09/01/98	Baracchini et al.			
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**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	*	2001240375 (Old Application No. 40375/01)	03/16/01	AU (Graham et al.)				
	*	2,359,180	08/03/00	CA (Kreutzer et al.)				
	*	1325955	01/04/02	EP (Klippel-Gese et al.)				
	*	1389637	08/05/02	EP (Klippel et al.)				
	*	1144623 B1	01/29/02	EP (Kreutzer et al.)				
	*	08208687	08/13/96	JP (Hotoda et al.) ABSTRACT ONLY				
	*	90/14090	11/29/90	WO (Gillespie et al.)				
	1.	94/01550	01/20/94	WO (Agrawal et al.)				
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	*	99/32619	07/01/99	WO (Fire et al.)				

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	*	99/49029	09/30/99	WO (Graham et al.)				
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	*	00/21560	04/20/00	WO (Alitalo et al.)				
	*	00/44895	08/03/00	WO (Kreutzer et al.)				
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	*	01/92513	12/06/01	WO (Arndt et al.)				
	*	01/96584	12/20/01	WO (Mushegian et al.)				
	*	01/97850	12/27/01	WO (Siemeister et al.)				
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	*	03/080638	10/02/03	WO (LaCasse et al.)				
	*	04/029212	04/08/04	WO (Rana, Tariq M.)				
	*	04/043977	05/27/04	WO (Prakush et al.)				
	*	04/048566	11/21/03	WO (Saigo et al.)				
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	*	04/072261	08/26/04	WO (Li et al.)				
	*	04/090105	10/21/04	WO (Leake et al.)				
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).**

	*	Adah et al., "Chemistry and Biochemistry of 2',5'-Oligoadenylate-Based Antisense Strategy," <i>Current Medicinal Chemistry</i> , 8, 1189-1212 (2001)
	*	Alexeev et al., "Localized in vivo genotypic and phenotypic correction of the albino mutation in skin by RNA-DNA oligonucleotide," <i>Nature Biotechnology</i> , 18:43-47 (2000)
	*	Bahramian et al., "Transcriptional and Posttranscriptional Silencing of Rodent $\alpha 1(I)$ Collagen by a Homologous Transcriptionally Self-Silenced Transgene," <i>Molecular and Cellular Biology</i> , 274-283 (1999)
	*	Bass, "Double-Stranded RNA as a Template for Gene Silencing," <i>Cell</i> , 101, 235-238 (2000)
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	*	Beigelman et al., "Chemical Modification of Hammerhead Ribozymes," <i>The Journal of Biological Chemistry</i> 270:25702-25708 (1995)
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	*	Chiu et al., "siRNA function in RNAi: A chemical modification analysis," <i>RNA</i> , 9:1034-1048 (2003)
	*	Claverie, Jean-Michel, "Fewer Genes, More Noncoding RNA," <i>Science</i> , 309, 1529-1530 (2005)
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Atty. Docket No.

04-423-F  
(400/227US)

Serial No.

10/576,752

**INFORMATION DISCLOSURE  
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**Applicant:**

McSwiggen et al.

**Filing Date:**

November 14, 2006

**Group:**

1635

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